

■ GERMANY

Experience and proper planning

G&Z MONTAGESERVICE ■ The company based in Castrop-Rauxel/D once again demonstrated, that difficult machine installations can be accomplished on the basis of experience and proper planning. Recently *G&Z Montageservice* installed a new *Fischer & Krecke Flexpress 6S* eight-colour flexo printing press at the Technology Centre of *DFTA* (German FTA) in Stuttgart/D.

To enable the installation of all the machine components it was necessary to partly open the roof to the size of 9,5 x 5 meter because there are two stories with technical

ling and alignments are always reproducible this way because of reference measuring points remaining in the production hall.

G&Z Montageservice GmbH had been established in 1994 to serve the growing demands of installation, service and repair qualifications of the printing and packing industry. An average number of 200 orders of varying sizes per year are handled. In the meantime printing and converting machines as well as extrusion lines of premium brands such as *Fischer & Krecke*, *Windmüller & Hölscher*, *Comexi*,

the machines of *Fischer & Krecke* for more than ten years. After completing mechanical and electrical installations at the customer's site the machines are handed over to the specialists of the manufacturer for final commissioning.

End of 2006, *G&Z Montageservice GmbH* became part of the holding company *U&Z Verwaltungs- und Beteiligungsgesellschaft mbH*. A work hall with 1000 sqm and indoor cranes with a lifting capacity of 20 metric tons provide the most suitable environment to stock and accomplish the tools for individual projects. Five Project Managers ensure that each job is equipped with the appropriate crew and selection



and office rooms between the location for unloading the trucks and the printing hall. A mobile crane with a capacity of 700 metric tons (just counter weights of 80 metric tons) provided the necessary capability to lift all parts. The mast had to be moved out 55 meters to reach the roof opening 35 meter away. This meant that it was possible not only to safely lift the large machine bridge with a length of 9 meters but also to handle the heaviest part, the CI section with a net weight of 25 metric tons.

To close the roof again as quickly as possible *G&Z* worked in two shifts. After sunset, when operating the crane was not possible, all components brought in so far had been positioned and aligned to each other. The exact positioning and levelling of the parts to 1/10 of a millimetre ensured that the *G&Z* engineers found all the connection points of bridge first time. *G&Z Montageservice* used an Engineering-Theodolite for these critical measurements. Parallelism, level-

PCMC, *Kidder*, *Lemo*, *Schiavi*, *Kiefel*, *Kuhne*, *Bobst* or *BHS* have been relocated worldwide. The scope of supply varies from only mechanical dismantling up to complex turn-key relocations including seaworthy packing, transporting and re-commissioning. In the field of new machines, *G&Z* has been installing

of tools. The entire staff of more than 45 employees has international experience in the fields of mechanics, electrics and mechatronics. Since 2002 *G&Z Montageservice* also has a subsidiary in the United States of America.

- www.guz-montageservice.de
- www.guzmontage.ru